

INCH-POUND

MIL-S-87012D(CG)

13 March 1992

SUPERSEDING

MIL-S-87012C(CG)

2 August 1988

MILITARY SPECIFICATION

SLACKS, WOMEN'S, DRESS (CG)

This specification is approved for use by the United States Coast Guard, Department of Transportation and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers the requirements for polyester and wool women's dress slacks.

1.2 Classification. The slacks shall be of one type and class, in the following sizes, and lengths (see 6.2):

1.2.1 Sizes and lengths.

Sizes: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 20, and 22
Lengths: Short, Regular, and Long

2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents shall be those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Officer in Charge, Navy Clothing and Textile Research Facility, P.O. Box 59, Natick, MA 01760-0001 by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 8410

DISTRIBUTION STATEMENT A. Approved for public release, distribution is unlimited.

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SPECIFICATIONS

FEDERAL

- * A-A-50186 - Cloth, Buckram, Woven and Nonwoven
- A-A-50199 - Thread, Polyester Core, Cotton- or Polyester-Covered
- * A-A-52094 - Thread, Cotton
- V-F-106 - Fastener, Slide, Interlocking
- NN-P-71 - Pallet, Material Handling, Wood, Stringer Construction, 2 Way and 4 Way (Partial)
- DDD-L-20 - Label; For Clothing, Equipage, and Tentage (General Use)

MILITARY

- MIL-C-823 - Cloth Serge; Wool, Wool and Nylon, Polyester and Wool
- MIL-P-15011 - Pallet, Material Handling, Wood, Post Construction, 4 Way Entry
- MIL-B-17757 - Boxes, Shipping, Fiberboard (Modular Sizes)
- MIL-C-43718 - Cloth, Polyester; Polyester and Cotton; Polyester and Rayon, for Pockets
- MIL-C-43920 - Cloth, Interlining, Cotton or Synthetic and Nylon

STANDARDS

FEDERAL

- FED-STD-751 - Stitches, Seams, and Stitchings

MILITARY

- MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes
- MIL-STD-129 - Marking for Shipment and Storage
- MIL-STD-147 - Palletized Unit Loads
- * MIL-STD-2073-1 - DOD Materials Procedures For Development and Applications of Packaging Requirements
- * MIL-STD-2073-2 - Packaging Requirement Codes

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Standardization Documents Order Desk, Bldg. 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

2.1.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this document to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

U.S. POSTAL MANUAL

(Copies of the manual may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402-0001.)

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2.2 Non-Government publications. The following document(s) form a part of this specification to the extent specified herein. Unless otherwise specified, the issue of documents which are DoD adopted shall be those listed in the issue of the DODISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS are the issue of the documents cited in the solicitation (see 6.2).

NATIONAL MOTOR FREIGHT TRAFFIC ASSOCIATION, INC., AGENT

National Motor Freight Classification

(Applications for copies should be addressed to the American Trucking Association, ATTN: Traffic Department, 1616 P Street, N.W., Washington, DC 20036-1404).

UNIFORM CLASSIFICATION COMMITTEE, AGENT

Uniform Freight Classification

(Application for copies should be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, Illinois 60606-5808).

(Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents also may be available in or through libraries or other informational services.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 Guide sample. Samples, when furnished, are solely for guidance and information to the contractor (see 6.3). Variations from this specification may appear in the sample in which case this specification shall govern.

3.2 First article. When specified, the contractor shall furnish sample unit(s) for first article inspection and approval (see 4.3 and 6.2).

3.3 Material.

3.3.1 Basic material. The basic material for the slacks shall be 11.5 oz. polyester/wool serge cloth conforming to type III, class 3 of MIL-C-823. The color shall be blue 3362. The piece number shall be 80353.

3.3.2 Pockets and linings. The material for the pockets, waistband lining and right fly interlining shall be a twill cloth, conforming to class 1 of MIL-C-43718. The color shall be black 423.

3.3.3 Waistband. The waistband shall be a commercial band using the material stated in 3.3.2 thru 3.3.6.

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3.3.4 Buckram. The material for interlining the waistband shall be bleached or unbleached cotton buckram conforming to type II or type V of A-A-50186.

3.3.5 Tape, waistband, non-slip. The woven non-slip tape for the waistband lining assembly shall be constructed of either polyester or polyester/nylon, natural or white in color, with two rows of chloroprene or nitrile rubber threads, woven or stitched to the tape. The width of the completed tape shall be 7/8 inch and shall not shrink more than 2% in the length direction when tested as specified in 4.4.1. There shall be a minimum distance of 3/16 inch from the rubber thread to the edge of the tape.

3.3.6 Waistband stabilizer. The material for the waistband stabilizer shall be interlining cloth conforming to type I of MIL-C-43920.

3.3.7 Hook and eye. The hook and eye shall be North and Judd (Hook Flex H-49, K-50, H-89 and E-90); Universal Button Co. (Talon #3, #7 and #8 hook with #8 eye or #85 eye); Patwin, Inc. (Slim-Slak with MB eye and Slik-Slak) or equal (see 6.5). The finish shall be nickel plate.

* 3.3.8 Thread. The thread used for seaming and stitching the slacks shall be polyester core thread conforming to type I of A-A-50199. The color of the thread shall be shade Black AA, cable no. 66043 and in the following sizes:

Operation	Ticket No.	Ply
Seaming, stitching and tacking	50-70	2 or 3
Overedging	70	2 or 3

3.3.8.1 Thread, cotton. As an alternate to the polyester covered thread, a cotton thread conforming to A-A-50199, type I, may be used. The color shall be the same as specified above in the following types and sizes.

Operation	Type	Ticket No.	Ply
Seaming and stitching	IA3	30, 50	3
Tacking,	IC2	0	3
Overedging	IA3	70	2

* 3.3.8.2 Colorfastness. The dyed thread shall show colorfastness to drycleaning and light equal to or better than the standard sample when tested as specified in A-A-50199.

3.3.9 Plastic coil slide fasteners. The slide fastener shall be type I, style 1a (continuous chain) or 3 (pre-assembled), size LS of V-F-106. The tape shall be woven from 100% polyester or blends of nylon/cotton, polyester/cotton, or polyester/rayon. The slide fastener chain shall be a continuous monofilament nylon or polyester coil. The slide shall have a short tab pull (see 4.4.1). A closed end stop or a staple stop is required for the style 3, and shall be applied to the style 1a. The complete slide fastener shall not shrink more than 2% when tested as specified in V-F-106.

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3.3.9.1 Color. The color of the slide fastener tape shall be black. The plastic coil slider shall be black. The plastic coil shall be black or colorless.

3.3.9.2 Colorfastness. The dyed slide fastener tape shall show colorfastness to dry cleaning equal to or better than the standard sample. As a limit of acceptability, or when no standard sample is available, the tape shall show a minimum of "good" colorfastness to dry cleaning when tested as specified in V-F-106.

3.3.10 Label.

3.3.10.1 Combination label. Each pair of slacks shall have an identification, instruction, and personnel label, conforming type VI, classes 10 and 15 of DDD-L-20. The label shall show colorfastness to dry cleaning and the inscription shall be as follows:

NAME:
 SERVICE NO:
 SLACKS, WOMEN'S, DRESS (CG)
 FIBER CONTENT; Polyester (55%) and Wool (45%)
 CONTRACT NO: DLA-100-00-0-0000 (Example)
 CONTRACTOR'S NAME:
 NAME OF MANUFACTURER: (if other than contractor)

DRY CLEAN ONLY

3.3.10.2 Size label. The size label for the slacks shall conform to type VI, class 2 and shall bear the following inscription:

Size 14R (Example)
 STOCK NO: 8410-00-000-0000 (Example)

NOTE: The lengths (short, regular, and long) may be abbreviated as S, R or L.

* 3.4 Design. The slacks shall have one dart on each back, quarter top pockets on each front, two section waistband with seat seam outlet, and a front fly slide fastener closure. The leg shall be unhemmed (see figure 1).

3.4.1 Figure. The figure is furnished for information purposes only. To the extent of any inconsistencies between the written specification and the figure, the written specification shall govern.

* 3.5 Patterns. Standard patterns to be used to cut working patterns will be furnished by the government (see 6.3). The patterns allow 5/16 inch seam allowance for all seams, except as otherwise indicated in Table I. The working patterns shall be identical to the government patterns. Neither the government patterns nor the working patterns shall be altered in any way, except that additional notches for use during construction are allowed on working patterns. Also, minor modifications are permitted where necessary when using automatic equipment. These modifications shall not alter the dimensional, serviceability, or appearance requirements cited in the specification.

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* 3.5.1 List of pattern parts. The component parts of the slacks shall be cut from material as specified.

<u>Material</u>	<u>Nomenclature of pattern parts</u>	<u>Cut parts</u>
Basic material	Front	2
	Back	2
	Waistband	2
	Pocket facing	2
	Pocket bearer	2
	Right fly facing	1
	Left fly	1
	Left fly lining	1
Twill Cloth	Pockets	2
	Right fly interlining	1

3.6 Construction.

* 3.6.1 Stitches, seams, and stitching. Stitch, seam, and stitching types specified in Table I shall conform to FED-STD-751. Whenever two or more methods for seam or stitch types are given for the same part of the operation, any one of them may be used. Seam allowances shall be maintained with seams sewn so that no raw edges, runoffs, twists, pleats, puckers or open seams result. All seams shall start and finish evenly. Thread tension shall be maintained so that there is no tight or loose stitching. Where stitch type 401 is used, the looper (underthread) shall be on the inside of the slacks. Ends of all seams produced by stitch type 401 shall be caught in other seams or stitchings. The bite of the overedge stitching shall be 3/16 inch. The guide and knife shall be set to trim only the ravelled ends of the fabric. The length of the bartacks shall be 3/8 (+1/16) inch in length and shall be 1/8 (+1/32) inch wide unless otherwise specified. Edgestitching shall be 1/16 to 1/8 inch from folded edge, and topstitching 1/4 inch from the edge, except as otherwise specified.

3.6.1.1 Stitches per inch. The minimum and maximum number of stitches per inch shall be as specified in Table I.

* 3.6.1.2 Thread breaks and ends of seams. The ends of all seams and stitching, when not caught in other seams or stitching, shall be backstitched not less than 3/8 inch. Thread breaks shall be secured by stitching back of the break not less than 1/2 inch, except for seat seam, which shall be resewn. Thread breaks and skipped stitches of 301 or 401 stitch type (except seat seam) must be repaired by using 301 stitch type. The ends of a continuous line of stitching shall be overlapped not less than 1/2 inch. Thread ends of darts shall be trimmed to a length of 1/2 inch. When automatic dart machine is used, the ends shall be back stitched with not less than 3 stitches and shall be trimmed. A 1/2 inch chain shall extend from the end of 401 stitching at the outseams and inseams.

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* 3.7 Manufacturing operations requirements. The slacks shall be manufactured in accordance with all operation requirements specified in Table I. The contractor is not required to follow the exact sequence of operations as specified, provided the finished slacks are identical to those produced by following the sequence of operations as specified in Table I. Minor modifications are permitted where necessary when using automatic equipment. These modifications shall not alter the dimensional, serviceability, or appearance requirements cited in the specification.

3.7.1 Pressing. All pressing required in Table I shall be done with a heated pressing iron or machine.

3.7.2 Abbreviations in table of operations. The abbreviations used in Table I are as follows:

Stch	-	stitch
in	-	inch
Ndl	-	Needle
Bob	-	Bobbin
Lpr	-	Looper
Mchne	-	Machine
Brtck	-	Bartack
Comrcl	-	Commerical
smlar	-	similar
Btnhl	-	Buttonhole
incl	-	including
dbl	-	double

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr
1.	<u>Cutting</u>				
*	<p>a. Cut the slacks in strict accordance with patterns furnished, which shall show size, placement of component parts, directional lines for cutting, and notches for proper assembly of parts. Drill holes are permitted for darts and shall not be closer than 3/8 inch from end of dart.</p>				
	<p>b. All component parts of the basic material shall be cut from one piece of material except for right fly facing, left fly, left fly lining, pocket facings, and belt loops which may be cut from ends. Parts cut from ends shall approximate the shade of the main assembly.</p>				
	<p>c. Place fronts and backs so that the directional line is in the warp direction. The directional line may vary from the warp direction by not more than 1 inch on fronts and backs. Measurement shall be taken from the top and bottom of the directional line on the pattern to the selvage edge of the fabric. The difference between the two measurements shall not exceed the tolerance specified.</p>				
	<p>d. Cut the stripping for belt loops of sufficient width to conform with the finished measurements (see operation 4).</p>				
	<p>e. The waistband lining shall be cut of sufficient length to finish as specified in operation 13. The waistband lining shall be of a commercial type using the material specified in 3.3.3.</p>				
2.	<p><u>Replacement of defective components</u> During the spreading, cutting and manufacturing process, components having material defects or damages that are classified as defects in section 4 shall be removed from production and replaced with non-defective and properly matched components.</p>				

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr	
3.	<p><u>Shade marking</u></p> <p>a. All parts of the basic material shall be marked or ticketed to insure a uniform shade and proper assembly throughout the slacks except parts cut from ends.</p> <p>b. The use of non-corrosive metal fastening devices or sewn-on tickets for shade marking is prohibited.</p> <p>c. Adhesive tickets which discolor or adhere to the material upon removal of the tickets are prohibited.</p> <p>d. The use of ink pad numbering machine, rubber stamp, or pencil is acceptable provided the numbers do not show on the outside of the slacks. Whenever possible, numbers shall be covered by the seam allowance.</p>					
4.	<p><u>Make belt loops</u></p> <p>a. Fold stripping in half with edges turned under along one side and stitch 1/16 inch from each folded edge. The finished stripping shall measure 5/16 to 3/8 inch in width.</p>	301 or 401	EFp-2	12-14	50	50
	OR					
	<p>b. Make belt loops by folding stripping with edges abutted at center and double stitch with each row of stitching not less than 1/16 inch from folded edge and the covering stitch on the underside.</p>	406	EFh-1	12-14	70	70

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread	
					Ndl	Bob/ Lpr
5.	<u>Overedge stitching</u>					
	a. Overedge stitch the raw edges of the inseams, outseams (from bottom of pocket notch to bottom of leg), center front seam, and bottom and top of foreparts.	503 or 504 or 602	EFd-1	8-10	70	70
	b. Overedge stitch the raw edges of the inseams, outseams, seat seam and bottom and top of back parts. Overedge ends of waistband at the outlet.	503 or 504 or 602	EFd-1	8-10	70	70
	c. Overedge stitch the back edge of left fly. Overedge stitch the back edge of right fly and lining together. (The back edge of the left fly may be overedge stitched to the fastener tape, operation 9c. Care shall be taken not to cut back edge of tape.)	503 or 504 or 602	SSa-1	8-10	70	70
Note: When knife is used on overedging machine, it shall only trim loose threads and not the fabric.						
6.	<u>Make darts</u>					
	The darts shall be tapered on the inside without twists or puckers.					
*	a. Fold and stitch darts as indicated by notches and drill holes. Drill holes shall not be exposed on the outside of the slacks, and should be covered by the stitching.	301 or automatic dart mchne	OSf-1	10-14	50	50
	b. Press folded darts toward the center back respectively.					

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr
7.	<u>Attach pocket facings, pocket bearer and label.</u>				
	a. Place pocket facings and pocket bearers on pocketing in accordance with pattern marks, matching notches at top of bearer and pocketing. The bearer outer edge shall be 5/8 inch from outer edge of pocket. The facings and pocket outer edges shall be even.				
	b. Turn under front raw edges of facings and bearers 1/4 to 5/16 inch and stitch 1/16 inch from folded edge. Continue stitching across bottom raw edge. Facing with selvage edge need not be turned under.	301	LSd-1	12-14	50 50
	c. Stitch the combination label on all four sides to the bottom of the right pocket. The label shall face the slacks when worn.	301	LSbj-1	12-14	50 50
*	d. Stitch pocket pieces together across the bottom to the slash at pocket opening, 3/16 to 1/4 inch from edge. Turn to finished position, and topstitch 1/4 inch from edge.	301	SSa-1	12-14	50 50
8.	<u>Attach pockets to front.</u>				
*	a. Align pocket facing/pocket on front, matching notches. Seam the raw edge of pocket facing/pocket to each front at pocket opening, face to face, 5/16 inch from raw edge, from bottom notch up to waist.	301	SSbe-2(a)	12-14	50 50
	b. Turn to finished position and topstitch the entire pocket length, 3/16 to 1/4 inch from front edge.	301	SSbe-2(b)	12-14	50 50

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread	
					Ndl	Bob/ Lpr
*	c. Place pocket opening on each bearer, matching notches, and topstitch 3/16 to 1/4 inch from folded edge of pocket opening (corresponding to operation 8b) from top raw edge of slacks to the upper bartack (see operation 21a). Turn, and edgestitch back to the top. The right and left pocket opening shall not be out of alignment by more than 1/2 inch. Tack or stitch front to bearer at side seam.	301	Smlar to LSbj-1	12-14	50	50
9.	<u>Make flies</u>					
*	a. When style 3 (pre-assembled) slide fastener is used: Stitch back edge of slide fastener tape to right fly facing through interlining with two rows of stitching. The end of the chain shall be 1/2 to 5/8 inch from front edge on the finished fly at top, tapering to 1/4 to 3/8 inch at bottom. The bottom stop shall finish at the fly notch. The top stop shall be placed no further than 1/4 inch from waistband joining seam.	301 or 401	SSau-2	12-14	50	50 70
*	b. When style 1a (continuous chain) slide fastener is used: Stitch back edge of slide fastener tape to right fly facing through interlining with two rows of stitching. The end of the chain shall be 1/2 to 5/8 inch from front edge on the finished fly at top, tapering to 1/4 to 3/8 inch at bottom. The coil shall extend past the fly notch at the bottom, and extend into the waistband at the top. The coil may be clipped below the fly notch to enable slider to be put on following center front seaming.	301 or 401	SSau-2	12-14	50	50 70
*	c. Seam slide fastener tape to back edge of left fly, with the bottom end of the chain not more than 1/2 inch above the fly notch. As an alternate it may be overedged (operation 5c).	301 or 503, 504, or 602	SSa-1	12-14 8-10	50	50 70
*	d. The left fly assembly shall be two thickness of basic material. Stitch the front of left fly to the lining, face to face, 1/4 (+1/16) inch. Turn to finished position and edgestitch 1/16 to 1/8 inch from the edge.	301 or 401 and 301	SSE-2	12-14	50	50 70 50

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread	
					Ndl	Bob/ Lpr
	e. Overedge the back of the left fly assembly.	503, 504, or 602	EFd-1	8-10	70	70
*10.	<u>Sew on right and left flies.</u>					
	a. Sew on left fly to the fronts, with notches matching, catching slide fastener tape in the seam.	301	SSa-1	12-14	50	50
	b. Sew on right fly assembly with notches matching.	301	SSa-1	12-14	50	50
	c. Turn right fly assembly to the inside with seam 1/16 to 1/8 inch back of folded edge and press front edge flat without damage to slide fastener chain.					
11.	<u>Join outseams.</u>	301	SSa-1	12-14	50	50
	a. Match notches of front and back at outseams and stitch, face to face, the outseam 3/8 inch from raw edges.	or 401			50	70
	b. Press outseams open and flat from bottom to top of slacks.					
*	c. Turn in back edge of side pockets and stitch along the outseam allowance, joining topstitching of operation 7d, ensuring that no raw edges of the pocket are visible.	301	SSb-1	12-14	50	50
12.	<u>Attach waistband.</u>					
	Finished appearance. The waistband shall finish smooth and flat without fullness, gathers or pleats.					

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr	
	a. Seam bottom edge of waistband to top edge of slacks, catching top of pockets.	301	SSa-1	12-14	50	50
	b. Press waistband seam open and flat.					
	NOTE: The waistband lining may be attached to the waistband (operation 13) prior to setting to slacks.					
13.	<u>Attach waistband lining.</u> Finished appearance. The waistband lining shall be a commercial type using the requirements stated in 3.3.3. The waistband lining shall not measure less than 1-1/2 inches wide in the finished slacks. The waistband lining may be pieced providing the seam is flat and there is not more than one piecing on each slack. The waistband stabilizer may be 1 inch shorter than the waistband lining at seat seam. The hook and eye shall be attached to the waistband so that when both parts are engaged, the closure shall not bulge, twist, pucker or be distorted.					
	a. Turn under top edge of waistband lining and stitch to top edge of waistband.	304 or 401	-	12-14	50	50 70
	b. Fold waistband lining to the inside and baste or press top edge. The lining shall not be exposed beyond the top of the waistband.					
	c. Position the hook on the center (1/4 inch off center tolerance) of the right waistband with the rolled edge of the hook aligned with the slide fastener chain. Attach through a suitable reinforcement.					
	d. Position the eye on the center of the left waistband, aligned with slide fastener chain, to correspond to the hook on the right waistband. Attach through a suitable reinforcement.					

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr
14.	<u>Finish right and left flies.</u> Finished appearance. The top corners of the right and left flies shall be completely forced out and shall not be bulky. The stitching of the right fly shall be uniformly spaced from edge of fly. The seam joining the left fly to the forepart shall not be exposed on outside of trousers, when fastener is closed. The right fly facing shall not be exposed on outside. The flies shall be smooth without twists or puckers or excessive fullness.				
	a. Stitch the left fly lining to front of waistband and along top edge of waistband, the width of the fly lining.	301 or 401	SSa-1	12-14	50 50 50 70
	b. Turn left fly lining inside and stitch 1/16 to 1/8 inch from the front edge, starting at end of fly edge stitching (operation 9c), along front edge continuing along top edge of waistband to back edge of fly lining. Turn to finished position. Raise stitch the fly joining seam, starting at top of waistband, catching the fly lining, fastener tape and front in the stitching. The finished edge stitching shall be 1/16 to 1/8 inch from the back edge of the slide fastener chain.	301	SSE-2(b) and SSc-1 and LSq-2	12-14	50 50
	c. Turn back end of waistband in line with the front folded edge of right fly and stitch across top of waistband the width of the fly. Trim, turn and work out corner.	301	SSa-1	12-14	50 50
	d. Stitch down right fly with waistband lining smoothly inserted between fly and slacks. The stitching shall be 1-1/4 (+1/8) inches from front edge of fly, extend from top of waistband, and curve to fly notch, forming "J" stitching.	301	EFa-1	12-14	50 50
15.	<u>Join inseams.</u>				
*	a. Join inseam (3/8 inch front seam allowance, with 3/4 inch back seam allowance), tapering down to equal 3/8 inch seam allowances at the knee. The seam shall start and finish evenly, and the notches shall match.	301 or 401	SSbd-1	12-14	50 50 50 70

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No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr
	b. Press inseam open and flat.				
16.	<u>Join seat seam.</u> Finished appearance. The seat seam shall be joined with stitch tension of sufficient elasticity to meet strain encountered in sitting or stooping. The waist shall be measured before the seat seam is joined to assure correct waist size. In the joining of the seat seam the inseam shall finish no more than 3/8 inch off center and the right and left waistband joining seams shall be aligned. The base of the right fly shall cover the left fly on outside of the finished slacks.				
	a. Join seat seam from base of fly to end of waistband lining with a double needle seat seamer with the rows of stitching 1/64 to 1/32 inch apart. The seam from the waistband joining seam to the end of the waistband lining shall be perpendicular (90 degree angle) to the waistband joining seam. Broken seat seams must be completely resewn.	401	SSa-2	8-10	50 70
	b. Press crotch and seat seam open and flat. The crotch and seat seam shall be pressed and handled in such a manner that the seams remain open after finished pressing.				
17.	<u>Finish waistband and attach size label.</u>				
	a. Top stitch the spread open waistband seam 1/16 to 1/8 inch below the joining seam on the slacks, simultaneously catching the waistband lining (with the center back folded in) and the tops of the pockets. The stitching shall not extend across the flies. Pockets may be stitched or basted to waistband seam allowance prior to topstitching.	301	SSao-1	12-14	50 50
	b. Stitch the top edge of the size label to the lower edge of waistband lining above the right hip dart. The end of the stitching need not be tacked provided the stitching extends at least 1/2 inch beyond each end of the label. The stitching shall not be through the printing.	301	LSbj-1	12-14	50 50

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr
18.	<u>Assemble fasteners (style 1a).</u> Attach slider and with the ends of the chain even, staple the fastener together at the bottom with the staple overlapping the coil. The staple shall be placed within 1/2 inch from the notch.				
19.	<u>Attach belt loops.</u> The belt loops, when finished, shall be smooth and flat, and the waistband shall finish 1-1/4 (+1/8) inches wide. a. There shall be five loops, positioned as follows: (1) One on each front centered between side seam and front. (2) One on each back, centered between the side seam and dart. (3) One on seat seam. b. Position raw edge of the top end of belt loop on the waistband, face to face, with the remainder of belt loop extending past the top of waistband. Bartack 1/16 to 1/8 inch from top of waistband through single ply of belt loop and waistband. c. Fold belt loop down in alignment with top edge of waistband. Turn under bottom end of belt loop with raw edge of belt loop even with the bottom edge of waistband. The bottom folded edge of the belt loop shall be 5/16 to 7/16 inch below waistband joining seam. Bartack through all plies of belt loop and slack, 1/8 inch from bottom folded edge of belt loop. The belt loops shall measure 1 3/4 (+ 1/8) inches from bartack at bottom of loop to the top folded edge.				
		brtck		21-28	50 50
		or automatic loop tacker		per brtck 24-28 per brtck	50 50
		brtck		21-28	50 50
		or automatic loop tacker		per brtck 24-28 per brtck	50 50
20.	<u>Stitch right fly extension piece.</u> a. Turn in raw edges of left fly extension piece and seam to each side of crotch seam allowance. The end of the extension piece shall be turned under 1/8 to 1/4 inch and caught in the stitching. b. The end of the left fly and the right fly shall be caught in the stitching of the seam allowance.	301	SSac-3 (b)(c)(d)	12-14	50 50

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TABLE I - CONSTRUCTION OF SLACKS

No.	Operation	Stch Type	Seam/ Stch type	Stch in	Thread Ndl Bob/ Lpr	
21.	<u>Bartacking.</u> Finished appearance. The bartacks shall be well made and correctly placed to reinforce points of strain as specified. The bartacks at side pocket opening shall extend beyond the outside seam 1/16 to 1/8 inch for bottom tack and even with the pocket opening for top tack.					
	a. Bartack front pocket with a horizontal bartack at bottom of pocket opening and at top with the top bartack 6 inches up along opening from bottom bartack. The pocket opening shall measure 5-7/8 to 6-1/8 inches for all sizes.	brtck		21-28 per brtck	50	50
	b. Place a horizontal bartack at base of fly within 1/4 inch of fastener stop. It shall not extend beyond the crotch seam.	brtck		21-28 per brtck	50	50
	c. Place an inside vertical bartack 1/2 inch above bartack listed in b. above through right fly allowances and left fly assembly. The bartack shall be parallel with the slider.	brtck		21-28 per brtck	50	50
22.	<u>Cleaning.</u> a. Trim all thread ends to within 1/4 inch and remove all loose threads inside and out.					
	NOTE: Care shall be taken when trimming thread ends that damage to the fabric does not result.					
	b. Remove all spots, stains and marking tickets.					
23.	<u>Press slacks</u> a. The tops, including fly and pockets, shall be pressed smooth.					
	b. Press and crease the legs with seam matching from bottom to the knee. There shall be no variations in the sharpness of the creases. The top of the creases shall finish no more than 1 inch above the crotch line. The length of the crease shall not vary by more than 1 inch.					

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* 3.8 Sizes and measurements. Unless otherwise specified, finished measurements of slacks shall be as listed in Table II. All measurements and tolerances are expressed in inches.

Table II - Sizes and measurements

Size	(A)	(B)	(C) Length inseam			(D) & (E)
	Waist	Hips	Short	Regular	Long	Knee and Bottom
6	24	38 1/2	32	34	36	19
7	24 1/2	39	32	34	36	19
8	25	39 1/2	32	34	36	19 1/2
9	25 1/2	40	32	34	36	19 1/2
10	26	40 1/2	32	34	36	20
11	26 3/4	41 1/4	32	34	36	20
12	27 1/2	42	32	34	36	20 1/2
13	28 1/4	42 3/4	32	34	36	20 1/2
14	29	43 1/2	32	34	36	21
15	29 3/4	44 1/4	32	34	36	21
16	30 1/2	45	32	34	36	21 1/2
18	32 1/2	47	32	34	36	22
20	34 1/2	49	32	34	36	22 1/2
22	36 1/2	51	32	34	36	23
Tolerance						
	<u>+1/2</u>	<u>+1/2</u>	<u>+1/2</u>	<u>+1/2</u>	<u>+1/2</u>	<u>+1/2</u>

NOTE: Waist and hip measurements of the slacks shall be taken with slide fastener fully closed and waistband hooked. All measurements shall be taken with slacks smooth and flat. A, B, C, D, and E refer to Figure 1.

- (A) Waist - Twice the measurement taken from folded edge to folded edge across the center of waistband.
- (B) Hips - Twice the measurement taken from folded edge to folded edge 1 inch above bottom of slide fastener.
- (C) Inseam - Length measurement taken along inseam from crotch seam to unhemmed bottom of legs.
- (D) Knee - Twice the measurement taken from folded edge to folded edge across the width of slack leg at a point up from unhemmed bottom of leg as follows: Short - 18 (+1/4) inches; Regular - 19 (+1/4) inches; Long - 20 (+1/4) inches.
- (E) Bottom - Twice the measurement taken from folded edge to folded edge across unhemmed bottom of leg.

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3.9 Workmanship. The finished slacks shall conform to the quality of product established by this specification. The occurrence of defects shall not exceed the applicable acceptable point value.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the contractor may use his own or any other facilities suitable for performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.1.1 Responsibility for compliance. All items must meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of assuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling in quality conformance does not authorize submission of known defective material, either indicated or actual, nor does it commit the government to acceptance of defective material.

4.1.2 Certificate of compliance. Where certificates of compliance are submitted, the Government reserves the right to check test such items to determine the validity of the certification.

4.2 Classification of inspection. The inspection requirements specified herein are classified as follows:

1. First article inspection (see 4.3).
2. Quality conformance inspection (see 4.4).

4.3 First article inspection. When required, the first article submitted in accordance with 3.2 shall be inspected as specified in 4.4.2 for compliance with design, construction, workmanship, appearance and dimensional requirements.

4.4 Quality conformance inspection. Inspection shall be performed in accordance with MIL-STD-105.

4.4.1 Component and material inspection. In accordance with 4.1 above, components and materials shall be tested in accordance with all the requirements of referenced specifications, drawings, and standards unless otherwise excluded, amended, modified, or qualified in this specification or applicable procurement documents. A certificate of compliance will be acceptable for the non-slip tape requirements of 3.3.5 and the plastic coil slide fastener requirements of 3.3.9.

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4.4.2 Examination of the end item. Examination of the end item shall be in accordance with 4.4.2.1 and 4.4.2.2. The applicable inspection levels and acceptable quality levels (AQL's) shall be as indicated in 4.4.2.3. The sample unit shall be one finished pair of slacks. The lot size shall be expressed in units of pair of slacks.

4.4.2.1 Visual examination. The slacks shall be examined for defects in color, design, material, construction, workmanship, and marking and the defects classified in accordance with the following list.

Defect	Classification	
	Major A	minor B
I. MATERIAL DEFECT AND DAMAGE		
* a. Any hole, cut, tear, smash, burn, drill hole (except those hidden in dart), run, scorched area or open place:		
1. On outside (longest dimension in any direction):		
a. - up to 1/4 inch inclusive		X
b. - more than 1/4 inch	X	
2. On inside (longest dimension in any direction):		
a. - up to 1/4 inch inclusive		X
b. - more than 1/4 inch		X
b. Knot or slub on outside <u>1/</u>		X
c. Misweave, area of no dye penetration, dye streak, missing yarn, broken yarn, visible mend, thin place or shade bar more than 1/2 inch (longest dimension in any direction) on outside	X	
d. Loose yarn, coarse yarn; more than 1 inch (longest dimension in any direction) on outside	X	
e. Woven in waste on outside visible at 3 feet (longest dimension in any direction):		
1. 1/4 inch up to 1 inch inclusive		X
2. More than 1 inch		X
f. Permanent fold, pleat, or crease in cloth (when caught in seaming or stitching) on outside	X	
g. Needle chew on outside (longest dimension in any direction)		
1. Up to 1/2 inch inclusive		X
2. More than 1/2 inch	X	
II. SHADED PART		
a. On outside:		
1. Variation in shade within a part or between parts (except parts which may be cut from ends)	X	
2. Parts cut from ends badly shaded or unevenly shaded		X
<u>1/</u> Knot and slub defects shall be in accordance with basic material requirements.		

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Defect	Classification		
	Major	minor A	B
III. <u>PRESSING</u>			
a. Omitted or poorly pressed	X		
b. Legs not pressed seam on seam at bottom or knee by more than 3/4 inch		X	
c. Seam not pressed open (to be scored only when condition exists on major portion of seam)			X
d. Crease line not finishing as specified		X	
IV. <u>CLEANNESS</u>			
a. Any spot or stain on outside visible at 3 feet (largest dimension in any direction):			
1. Up to 3/8 inch inclusive			X
2. More than 3/8 inch up to 3/4 inch inclusive		X	
3. More than 3/4 inch	X		
b. Three or more thread ends not trimmed to 1/4 inch or less on outside		X	
c. Five or more thread ends not trimmed to 1/2 inch or less on inside			X
d. Two or more shade or size marking or tickets not removed			X
e. Any size or shade marking or residue on outside, score as spot or stain			X
f. Loose thread ends not removed from slacks			X
g. Inseam or outseam 401 stitching chain length not as specified.			X
V. <u>COMPONENT AND ASSEMBLY</u>			
a. Any component part or operation omitted (unless otherwise classified herein)	X		
b. Any component not as specified	X		
c. Any component part tight, twisted, distorted pleated or full (unless otherwise classified herein)	X		
d. Any operation not as specified (unless otherwise classified herein)	X		
e. The edge of any component part required to be forced out having folds of more than 1/8 inch (unless otherwise classified herein)		X	
VI. <u>CUTTING</u>			
a. Any component part not cut in accordance with specified pattern or directional lines on patterns, or not in accordance with specification requirements	X		

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Defect	Classification		
	Major	minor	
	A	B	
VII. SEAMS AND STITCHING			
a. Accuracy of seaming:			
1. Seams puckered, pleated or twisted on outside	X		
2. Seam irregular or wavy (unless otherwise classified herein)	X		
3. Any part of slacks caught in an unrelated operation or stitching (unless otherwise classified herein)	X		
4. Ends of all seams and stitching when not caught in other seams or stitchings not backtacked		X	
5. Ends of a continuous line of stitching overlapped less than 1/2 inch		X	
6. Thread breaks secured by stitching back of the break less than 1/2 inch	X		
7. Wrong or varying shades of thread used on outside	X		
8. Needle perforations visible on outside		X	
b. Gage of stitching			
1. Gage irregular or not within range specified (score only when condition exists on more than 1/2 the length of the seam)			X
2. Edge or raised stitching sewn too close to edge, resulting in damage to cloth	X		
3. Seam allowance not as specified or varies more than 1/8 inch		X	
c. Open seam (resulting from 2 or more skipped, broken, runoff or missing stitches)			
1. On joining seams			
a. -Less than 1/4 inch			X
b. -1/4 inch to 1/2 inch inclusive		X	
c. -More than 1/2 inch	X		
2. On overedging			
a. -Less than 3 inches			X
b. -3 inches or more		X	
3. On label, edge or raised stitching			
a. -Up to 1/2 inch			X
b. -more than 1/2 inch		X	
d. Raw edge			
1. On outside			
a. Up to 1/8 inch			X
b. More than 1/8 inch up to 1/2 inch inclusive		X	
c. More than 1/2 inch	X		
2. On inside:			
a. 1/2 inch to 1 inch inclusive			X
b. More than 1 inch		X	

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Defect	Classification		
	Major	minor	
	A	B	
e. Runoff:(score as an open seam)			
f. Seam and stitch type:			
1. Not specified seam or stitch type		X	
2. Looper thread of 401 stitch type on outside	X		
3. Any line of stitching omitted	X		
4. Any line of stitching not beginning or ending where specified (unless otherwise classified herein)			X
g. Broken, missing, or skipped stitches on edge or raised stitching:(score as an open seam)			
h. Stitch tension:			
1. Loose tension resulting in a loose seam:			
a. -Up to 1/2 inch inclusive			X
b. -More than 1/2 inch up to 3/4 inch inclusive		X	
c. -More than 3/4 inch	X		
2. Loose tension on raised or edge stitching resulting in exposed loose thread		X	
3. Tight tension (stitches break when normal strain is applied in the direction of the seam or stitching)	X		
i. Stitches per inch (to be scored only when the condition exists on the major portion of seam or stitching):			
1. Less than the minimum specified (except on overedge stitching and labels)		X	
2. Less than the minimum specified on overedge stitching and labels			X
3. More than the maximum specified			X
VIII. <u>BARTACK OR TACK</u>			
a. Missing, insecure, misplaced, not serving purpose, or not specified size or type		X	
b. Loose stitch tension			X
IX. <u>WAISTBAND (outside of slacks)</u>			
a. Construction:			
1. Fullness, pleats, gathers, or twists on outside of waistband	X		
2. Top of slacks puckered or pleated at joining to waistband	X		
3. Waistband end(s) poorly shaped		X	
4. Width of waistband not as specified			X
5. Bottom of waistband seam at seat seam out of alignment by more than 1/8 inch		X	

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Defect	Classification	
	Major	minor
	A	B
b. Waistband lining:		
1. Width of finished waistband lining not as specified.	X	
2. Lining exposed on outside:		
a. -Up to 1/2 inch inclusive		X
b. -More than 1/2 inch	X	
c. Waistband non-slip tape:		
1. Not specified type	X	
2. Not part of the commercial waistband		X
d. Waistband hook and eye:		
1. Not aligned causing distortion when engaged	X	
2. Missing or not properly clinched		X
X. <u>FRONT OPENING</u>		
a. Length of fly uneven at top: (examination to be performed with slide fastener closed and hook and eye unfastened):		
1. By more than 3/8 inch	X	
2. By more than 1/8 inch up to 3/8 inch inclusive		X
b. Right fly facing exposed beyond front edge or seam joining left fly to front exposed when fly is closed		X
c. Stitching on right fly irregular or not positioned as specified or not terminated where specified		X
d. Raw edge of left fly extension not turned under, or the turned edge not stitched to edge of crotch seam allowance		X
XI. <u>SLIDE FASTENER</u>		
Operate slider on coil twice, opening and closing the complete length of coil and locking slider each time.		
a. Slide pull becomes detached or slider disengages from either row of coils	X	
b. Coil becomes unmeshed or does not mesh properly	X	
c. Any component missing or not properly assembled	X	
d. Slider lock does not retain slider when pull is in down position or non-automatic lock or when pull is released on automatic lock, when the open coil above the slider is lightly pulled apart	X	
e. Slider binds, catches, or sticks at any point or or does not function properly	X	

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Defect	Classification	
	Major	minor
	A	B
f. Fastener is not type, size style, or finish specified		X
g. Cut, tear, or hole in slide fastener tape	X	
h. Stitching too close to edge not permitting slider to pass freely	X	
i. Tape set too loose or too tight causing bulge, twist, or fullness in closed fly on top end of tape; not caught as specified or staple not securely clinched at bottom of chain; slide fastener chain misplaced (set too high or low); or tape not attached as specified		X
XII. SIDE POCKETS		
a. Facing or bearer not caught in bartack at each end of opening; facing or bearer not extending below bottom bartack and above top bartack	X	
b. Facing exposed on outside		X
c. Pocketing notched more than 1/4 inch beyond width of outseam allowance on the underside		X
d. Bartack extends beyond outseam less than 1/16 inch or more than 1/8 inch		X
XIII. DARTS		
a. Ends of darts not properly tapered, causing a noticeable bulge or fullness		X
b. Corresponding darts not uniform in length by 3/4 inch or more, or stitched less than specified below drill hole		X
c. Inside folded edge of back darts not turned toward the seat seam		X
d. Not securely caught in waistband		X
e. Thread ends at lower end of dart trimmed closer than 1/2 inch (except when automatic dart machine is used)		X
XIV. INSEAMS AND OUTSEAMS		
a. Ends of inseams staggered at crotch more than 1/2 inch (center to center)		X
XVII. LABEL		
a. Not attached as specified, misplaced, or stitching through the printing		X
b. Missing, incorrect, or illegible:		
1. Identification, instruction, and personnel label	X	
2. Size label		X

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4.4.2.2 Dimensional examination. The slacks shall be examined for defects in dimensions in accordance with the following:

a. Any measurement deviating from nominal dimensions and tolerances specified in Table II shall be scored as a size measurement defect.

4.4.2.3 Inspection levels and acceptable quality level. The inspection levels and acceptable quality levels (AQL's) expressed in defects per 100 units for visual and dimensional examinations shall be as follows:

	<u>AQL's</u>	<u>Inspection level</u>
For visual examination in 4.4.2.1		
Major	1.0	III
Major, Minor A (combined)	6.5	III
Total (Major, Minor B combined)	15.0	III
For dimensional examination in 4.4.2.2		
One class	4.0	S-3

4.4.3 Packaging inspection. An examination shall be made to determine that packaging, packing and marking comply with section 5 requirements of this specification. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container fully prepared for delivery. Defects of closure listed below shall be examined on shipping containers fully prepared for delivery. The lot size shall be the number of shipping containers in the end item inspection lot. The inspection level shall be S-2 and the AQL shall be 2.5 defects per hundred units.

<u>Examine</u>	<u>Defect</u>
Marking (interior and exterior)	Omitted, incorrect, illegible, of improper size, location, sequence, or method of application.
Materials	Any component missing, damaged or not as specified.
Workmanship	Inadequate application of components, such as: incomplete closure of container flaps, loose strapping, inadequate stapling. Distorted or bulging containers.
Content	Open and non-continuous heat sealed seams and closure of polyethylene bag <u>1/</u> Alternate closure of polyethylene bag not provided with tuck or reverse flap. <u>1/</u> Omission of vent hole in polyethylene bag. <u>1/</u> Number per shipping container not as specified.
<u>1/</u>	For these defects, one intermediate package from each shipping container in sample shall be examined.

4.4.4 Palletization examination. An examination shall be made to determine that the palletization complies with the requirements of section 5. Defects shall be scored in accordance with the list below. The sample unit shall be one palletized unit load fully packaged. The lot size shall be the number of palletized unit loads in the end item inspection lot. The inspection level shall be S-1 and the AQL, expressed in terms of defects per hundred units, shall be 6.5 in accordance with MIL-STD-105.

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<u>Examine</u>	<u>Defect</u>
Finished dimensions	Length, width, or height exceeds specified maximum requirements.
Palletization	Pallet pattern not as specified. Interlocking of loads not as specified. Load not bonded with required straps as specified.
Weight	Exceeds maximum load limits.
Marking	Omitted; incorrect; illegible, of improper size; location; sequence; or method of application.

5. PACKAGING

5.1 Preservation-packaging. Preservation shall be level A or C as specified (see 6.2).

5.1.1 Level A. Each pair of slacks shall be neatly folded so that the garment measures approximately 11-1/2 by 15 inches. Each pair of folded slacks shall be inserted in a snug-fitting flat clear polyethylene film bag of 0.00125 inch thickness (+ 20% tolerance). The bag shall be formed with heat sealed seams that are straight, continuous and parallel to each other. The final closure of the bag shall be heat sealed with the seam made as close as possible to the open end. A 1/4 inch diameter hole shall be made at one corner of the polyethylene bag to allow excess air to escape. As an alternate, the polyethylene bag may be of the tuck-in or reverse flap type, in which a heat seal closure and corner vent hole are not required.

5.1.2 Level C. Slacks shall be preserved to afford adequate protection against physical damage during shipment from the contractor to the first receiving activity. The package and the quantity per package shall be the same as that normally used by the contractor for retail distribution.

5.2 Packing. Packing shall be level A, B, or C (see 6.2).

* 5.2.1 Level A. Fourteen (14) pairs of slacks, of one size and length only, preserved as specified in 5.1, shall be packed in a fiberboard shipping container, assembled, closed and reinforced conforming to type CF, class weather-resistant, variety DW, grade V15c, size 2A of MIL-B-17757. The fiberboard for the liner shall conform to type CF, class domestic of MIL-B-17757. Level A packages shall be stacked two in length, one in width and seven in depth within the shipping container. Each container shall have the contents completely covered on top and bottom with a sheet of commercial grade kraft paper.

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* 5.2.2 Level B. Fourteen (14) pairs of slacks, of one size and length only, preserved as specified in 5.1, shall be packed in a fiberboard shipping container, assembled, closed and reinforced conforming to type CF, class domestic, variety DW, grade 200, size 2A of MIL-B-17757. The fiberboard for the liner shall conform to type CF, class domestic of MIL-B-17757. Level A packages shall be stacked two in length, one in width and seven in depth within the shipping container. Each container shall have the contents completely covered on top and bottom with a sheet of commercial grade kraft paper.

5.2.3 Level C. Slacks, preserved as specified in 5.1, shall be packed in a manner to insure carrier acceptance and safe delivery at destination at the lowest transportation rate for such supplies. The quantity per shipping container shall be the same as that normally used by the contractor for retail distribution. Containers shall comply with the U.S. Postal Manual, Uniform Freight Classification Rules or National Motor Freight Classification Rules, as applicable.

5.3 Marking. In addition to any special marking required by the contract or order, unit packs, intermediate or exterior containers, and palletized unit loads shall be marked in accordance with MIL-STD-129.

* 5.4 Palletization. When specified (see 6.2), slacks, packed as specified, shall be palletized on a 4-way entry wing type pallet in accordance with load type 1A of MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with the bonding methods C and D or film bonding F or G. Pallet patterns shall be in accordance with the appendix of MIL-STD-147. The pallet shall be 4-way, type IV; type V, class 1, size 2; or type VIII, fabricated from wood groups I, II, III, IV, grade A of NN-P-71, or 4-way, style 1, size A, type I, class 1 fabricated from wood groups specified, of MIL-P-15011. Interlocking of loads shall be effected by reversing the pattern of each course. If the container is of a size which does not conform to any of the patterns specified in MIL-STD-147, the pallet pattern used shall first be approved by the contracting officer.

* 5.5 MIL-STD-2073. When specified (see 6.2), preservation and packing shall be in accordance with MIL-STD-2073-1 and MIL-STD-2073-2.

6. NOTES

6.1 Intended use. The slacks are intended for wear by enlisted and commissioned female personnel of the Coast Guard. The slacks are intended to be worn with the Coat, Women's, Dress.

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6.2 Ordering data. Procurement documents should specify the following:

- a. Title, number, and date of this specification.
- b. Sizes and lengths required (see 1.2).
- c. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.1.1 and 2.2).
- d. When first article is required (see 3.2), the item will be tested and should be a first article sample. The contracting officer should include specific instructions in acquisition documents regarding arrangements for examinations, quantity, and testing and approval of the first article.
- e. Levels of preservation and packing (see 5.1 and 5.2).
- f. When palletization is required (see 5.4).
- * g. When all packaging data is to be found in MIL-STD-2073-1 and MIL-STD-2073-2 (see 5.5).

6.3 Samples and patterns. For access to samples and patterns, address the procurement office issuing the invitation for bids.

6.4 Shrinkage of slide fastener. Experience has shown that slide fasteners containing a durable press finish will meet the shrinkage requirements specified in 3.3.9.

6.5 Equal item. Prior to the use of an "interchangeable" item, the contractor shall submit the item with supporting data to the contracting officer for subsequent approval or disapproval by the responsible Military Agency (see 3.3.7).

6.6 Subject term (key word) listing.

Cloth, wool, serge
Pants, Coast Guard
Pants, women's
Uniform, woman's

6.7 Changes from previous issue. The margins of this specification are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodian:
Coast Guard - CGCT

Preparing Activity:
Navy - NU

Review Activity:
DLA - CT

Project No. 8410-N778

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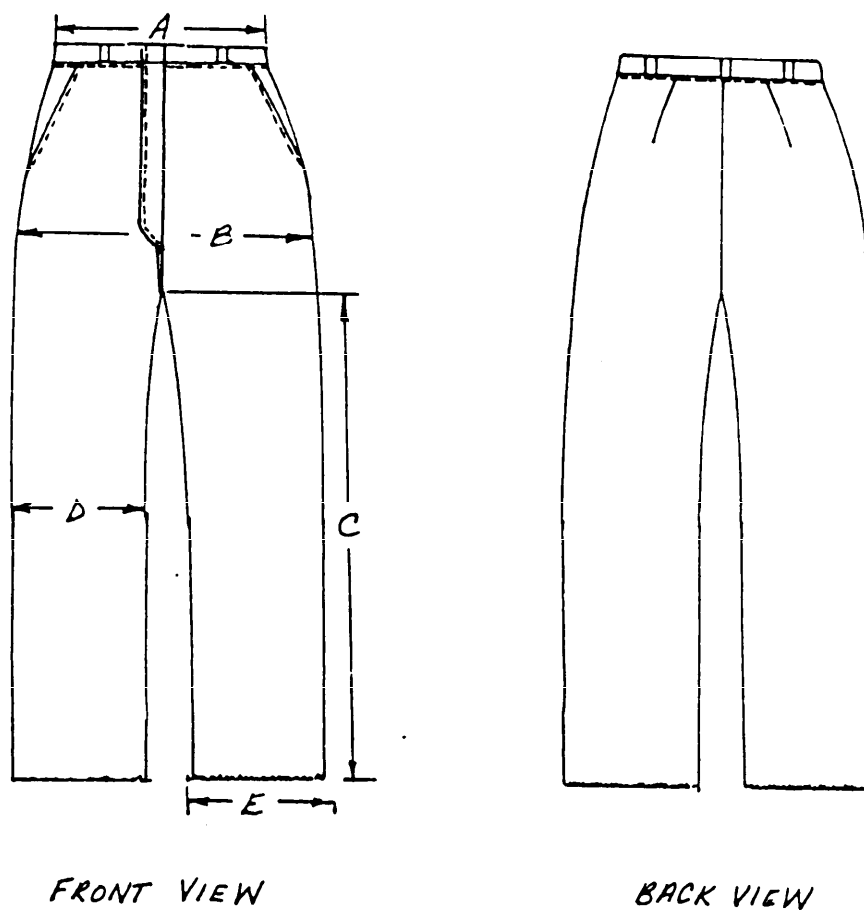


FIG. 1 SLACKS, WOMEN'S DRESS (CG)

INSTRUCTIONS: In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (*DO NOT STAPLE*), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

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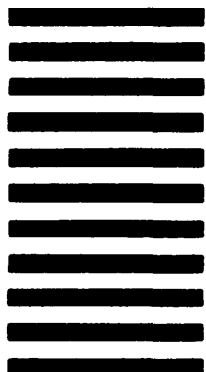
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STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions – Reverse Side)

1. DOCUMENT NUMBER MIL-S-87012D(CG)	2. DOCUMENT TITLE SLACKS, WOMEN'S, DRESS (CG)
3a. NAME OF SUBMITTING ORGANIZATION	4. TYPE OF ORGANIZATION (Mark one) <input type="checkbox"/> VENDOR <input type="checkbox"/> USER <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER (Specify): _____
b. ADDRESS (Street, City, State, ZIP Code)	
5. PROBLEM AREAS	
a. Paragraph Number and Wording:	
b. Recommended Wording:	
c. Reason/Rationale for Recommendation:	
6. REMARKS	
7a. NAME OF SUBMITTER (Last, First, MI) – Optional	b. WORK TELEPHONE NUMBER (Include Area Code) – Optional
c. MAILING ADDRESS (Street, City, State, ZIP Code) – Optional	8. DATE OF SUBMISSION (YYMMDD)